

# *Through Beam Photoelectric Sensor*



**IR-2000TS**

## *Features*

- ◀ Sensing range : 20 meters
- ◀ IP-66 Water proof
- ◀ N.C/N.O/ Common relay Output
- ◀ Terminal block wiring connection
- ◀ Mounting hardware included
- ◀ Tamper switches included
- ◀ AC/DC 12~24V Input voltage

## *Applications*

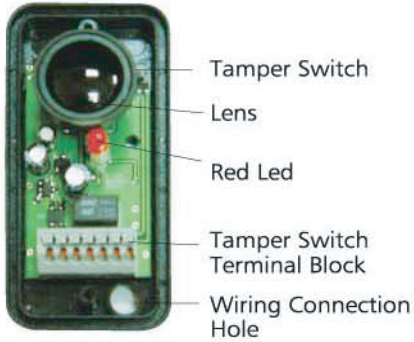
- ◀ Gate or garage door
- ◀ Overhead doors
- ◀ Conveyer
- ◀ Door entrance
- ◀ Parking lot
- ◀ Alarm system
- ◀ Warehouse

**Complexion**<sup>®</sup>

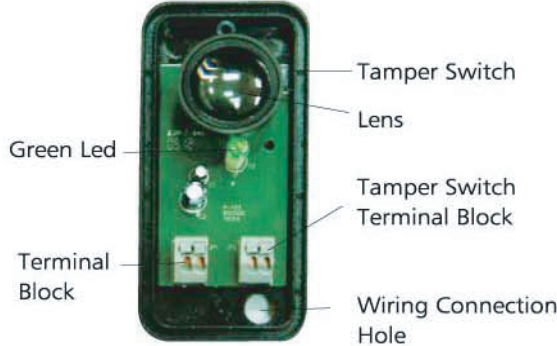
# Through Beam Photoelectric Sensor

## PARTS IDENTIFICATION:

### RECEIVER

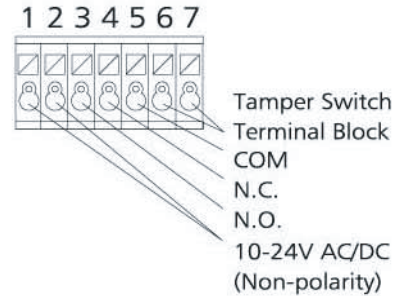


### TRANSMITTER

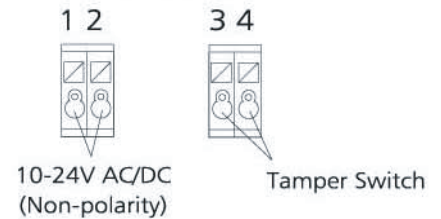


## WIRING:

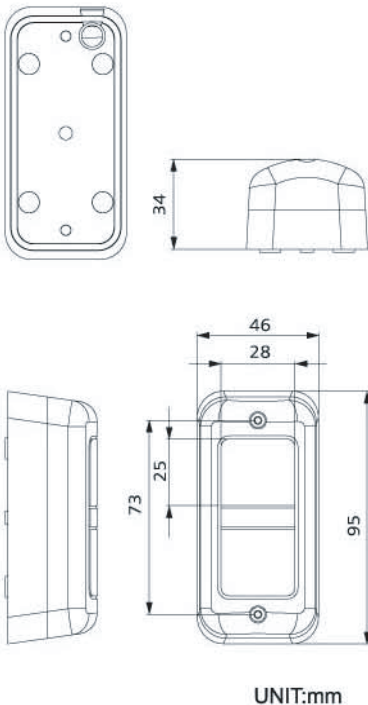
### RECEIVER



### TRANSMITTER



## DIMENSIONS:



## SPECIFICATIONS:

Item NO.	IR-2000TS
Detection Method	Through Beam
Sensing Range	20 meters
Input Voltage	AC/ADC 12~24V
Response Time	100 msec
Emitting Element	IR LED
Operation Indicator	Red Led(Rx):On (when beam is broken), Green (Tx):on
Dimensions	46 mm (w) x 95 mm (h) x 34 mm (t)
Output Method	Relay output
Current Consumption	Tx : 37mA / Rx : 30mA (when beam alignment properly) Tx : 37mA / Rx : 25mA (when beam is broken)
Contact Current	1A/120VAC
Illumination	Lamplight<10,000 Lux ; Sunlight<30,000 Lux
Connection Method	Terminal Block
Noise Resistance	1500Vp-P/1us
Surge Resistance	2KV/1uS
Vibration Resistance	10-55Hz/1.5mm, 2 Hour In X.Y.Z. Phase
Housing Material	Casing: Nylon Cover: PC resin
Operating Temp.	-20°C~60°C
Water Proof	IP-66
Safety Standard	CE